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Date: 9/18/07

Signature: Jo-Ann Bergantino

(Jo-Ann Bergantino)

Docket No.: 0110313.00136US2
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: REN, D. et al. Confirmation No.: 9673
Application No.: 10/828,975 Art Unit: 1644
Filed: April 21, 2004 Examiner: M. E. Szperka
Title: A SPERM-SPECIFIC CATION CHANNEL, CATSPER2, AND USES THEREFOR

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated March 19, 2007, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.